WhisperMic — Executive Brief (One Pager)

Pre-roll Buffer • Ultra-light VAD Markers • Optional Subaudible Silence Flag

Why Now

AI stacks waste 1.5–3.0B/year analysing silence. A mic-side fix cuts waste and solves clipped-speech UX instantly across apps.

What It Is

• Pre-roll (150–500 ms) captures first syllable.
• Whisper+ markers (20–50 Hz) flag non-silence so apps/cloud avoid shipping/transcribing empty audio.
• Subaudible silence flag (fallback) for audio-only chains (default-off, amplitude-limited).

Business Impact

Cut 10–20% of silence entering AI → 150*M*–600M/year saved globally, plus cleaner UX and reduced edit/storage costs.

Fast-Track Engagement (pick one)

A) 60-day Exclusive Evaluation License (NDA) + right of first negotiation.
B) Co-file Provisional Patent (joint inventorship as appropriate) + pilot.
C) Open Markers Spec (defensive publication) + proprietary pre-roll tuning license.

Milestone Roadmap (illustrative, 6–8 weeks)

• Week 0: NDA + data room; scope target mics.
• Week 1: Firmware feasibility + GPIO/HUB toggle prototype.
• Week 2–3: Alpha pre-roll; Week 3–4: markers; Week 4: tone fallback gate.
• Week 5–6: A/B telemetry; Week 6–8: go/no-go + term sheet.

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